



DateTimeDirection of View04-11-111114NW

Subject

Hill AFB Housing area OU-13. Collection composite soil confirmation sample in excavation at 4111 B North Bridge Circle.





04-11-11 1117 NE

**Subject** 

Hill AFB Housing area OU-13. Excavation completed to 2 ft depth at 4111 A North Bridge Circle.





Time **Direction of View Date** 

04-11-11 1148 N

## **Subject**

Hill AFB Housing area OU-13. Composite soil confirmation sample locations marked with pin flags at 4111 B North Bridge Circle.





04-11-11 1430 NE

**Subject** 

Hill AFB Housing area OU-13. Collecting composite soil confirmation samples at 4111 A North Bridge Circle. Sample locations are marked with pin flags.



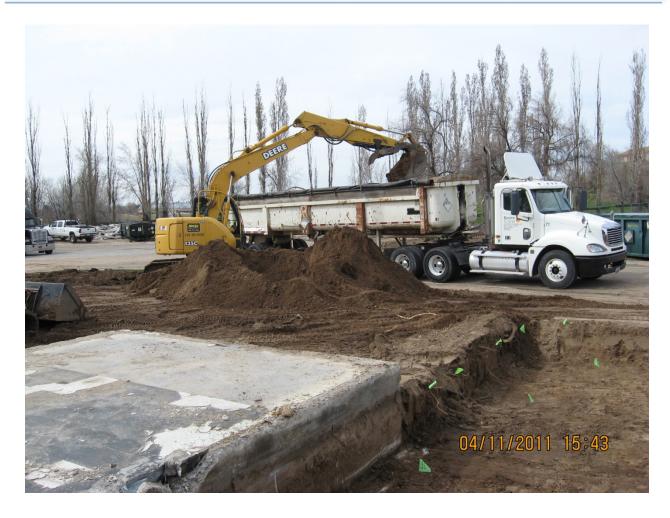


04-11-11 1452 N

## **Subject**

Hill AFB Housing area OU-13. Labeled composite soil confirmation sample collected from excavation at 4111 A North Bridge Circle.





04-11-11 1543 NW

**Subject** 

Hill AFB Housing area OU-13. Loading end-dump #9 with soil from excavation at 4111 A North Bridge Circle.





# **Logbook Notes**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06 Project/Client ItILL AFB HOUSING = OU- 63

PCB REMEDIATION/FREEDOM TERRICE

CLEAR WIND 0-5 FROM 5 400F

0700 TAILGATE SAFETY BRIEF

07202 ENS-DUMP TRUCKS START

TO ARRIVE PRRIVE

0730 TRUCK ARRIVES WITH AN ESTERA

ROLL-OFF BOX - WE HAVE TO

CICHTEN THE TWO FICCED

ROLL-OFFS THAT ARE PRESENTLY

ON-SUTE

0740 START COADING # 4 END DUMP

WITH SOIL FROM 4111B

NORTH BRIDGE CIRCLE.

0815 FINISH COADING # 4 TRUCE

MOVE \$ 5 TRUCK ONTO

POSITION

AUSO COADING # 2 ROLL

OFF BOX ONTO TRUCK

0820 TRUCK # 4 LEAUES WITH

LOAD

TRUCK LEAVES W # 2

ROLL OFF BOX

Location HILL AFA . UT Date 4-11-11

Project/Client #161 AFB HOWING OC 13

PCB REMEDIATION / AIRFORCE

PHOTO LOC 4-11-11 Time & SUBJECT 36 4.111 N COADENG TRACHES 37 11 0905 W MEASURING DEPTH OF EXCAVATION AT 4111 B N BRIDGE CIRC 38 11 1000 N ECA EXCAUATION COMPCETED AT FILL B NORTH BRIDGE CIRC 1020 SW BECINNING OF GX CAUGATRA AT HILLA N. BRIDGE CIRCUA N TERRY PRICE CHUM 40 " 1100 CASING OUT CONF SAMPLE LOCATIONS AT 4111B N. BRIDGE CIRC.

Project/Client OU-13 PCB REMEDIATION

USPF

0825 FINISH LOADING TRUCK TRUCK # 5 LEAVES W/ 0830 COAD. 0840 POSCHON TRUCK & 6. 0905 TRUCK #6 FULL-COUERED - PLACAMOS IN A CACE 0912 TRUCK # 6 LEAVES SITE. 0915 MARK ROGINSKR ON SITE MARK CEAUES SITE 0925 09 to DO TOM ( & REMOVING REMAINING SOIL FROM YILLB AND HODENG STOCKPILING IT AT YILLA SO TERRY PRICE CAN GO AHEAD AND

SAMPLE YILL N BRIDGE

CIRCLE.

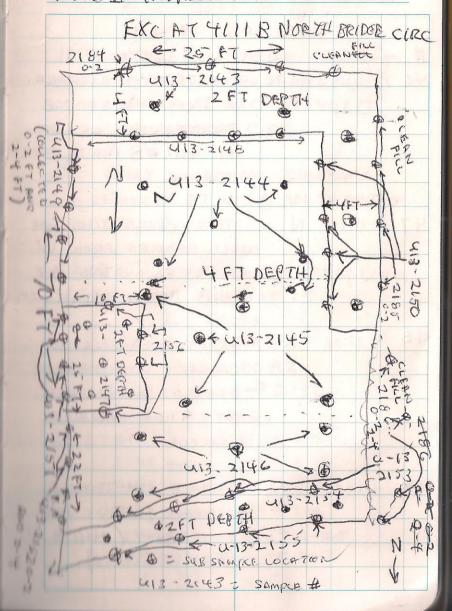
Project / Client OU-13 PCB REMEDIATION
OU-13

1000 EXCAUNTION IS COMPLETE at YIII B NORTH BRIDGE CIRCLE READY FOR TERRY PRICE (MWH) TO SAMPLE 1015 START EXCAUPTING AT CELLIA NORTH BRIDGE CIRCLE 1100 TERRY PRICE +5 (MWH) 15 PREPARING TO COLCECT CONFIRM ATTON SAMPLES AT YMIN. BRIDGE CIRCLE 1105 THAT COLERTING IST COMPOSITE SAMPLE AT IN EXC AT 41(1B NORTH BOOKE CIRCLE 115 TOM FINISH EXCOURTEN AT UIII A NORTHBRIDGE CIRC. 1128 CONFIRMATION STOPPERS TO BE ANALEZED VIA 808Z

PHOTO LOG 4.11.11 DATESTIME 1 A SUBJECT SU TERRY PELCE PREP 41111 1160 to sompce 42 4-1616 1612 E PINFUAC MARKING LOCATION OF EXCAUATIO FLOOP COMPOSITESCUS SAMPLE. 42 4-1111 1115 W TERRY PRICE COLLECTION 43 COMPOSITE SAMPLE FROM EXCAUATION PLOOP AT 4/11 B N. BODGE CIRC. 44 4.11.11 N:16 EXCAUATION AT YILLA NORTH BRIDGE CIRCLE EXC AVATED TO Z FT DEPTH 4-11-11 N CONFIRMATION SAMPLE 45 1150 LOCATIONS MARKED WITH PIN FLAGS IN GACAT 4111 B NORTH BRIDGE CIAC

Project/Client OWIS PCB REMBDIATION

TITLE IT (NSPECTION)



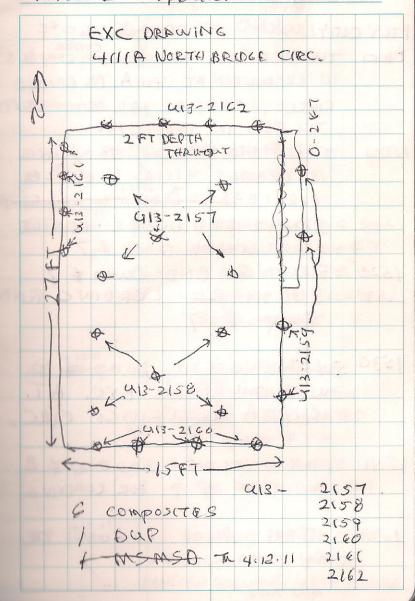
Location HILL AFB UTAH Date 4.11.11 87 Project/Client OU-13 PCB REMEDIATION TITLE IT ZOUSPECTICAL

1150 TERRY PRICE COCCECTING COSTO OF CONFIRMATION SAMPLET FROM BOTTOM OF EXC AT 41113 WORTH BRIDGE CIRC. 1200 TERRY COLLECTING SIDEWALL SAMPLES AT 4111 B NORTH BRIDGE CIRCLE TERRY COMPLETES SAMPUNG 1345 1345 14 composites Dups MS/MD ALLARGED 82 4-13 2143-72156 SAMPLETES ARE: U(13-2143 2-2.5 2156 2-4 2144 4-4-5 2151 0-2 2145 4-4.5 215-2 2-4 2146 4-4,5 2153 2-4 2154 2-25 21472-25 21482-4 2155 0-2 2149 8-3 21562-4

SATE TIME SQBJECT 4.11.11 W FLACGED COMPOSITE 50 SUBSAMPLE COCATION AT THE IN EXCAUATION AT YIIIA NORTH BRIDGE CERCLE. NE FLAGGED SAMP SAMPLE 51 11 1430 COCATIONS IN BOTTON OF EXC. AT 4111 A NOATH BRIDGE CIRCLE. TERRY 15 COLLECA SIDE WALL SA MOLES ON FAST SIDE OF EXC. N SAMPLE CONTAINER 11 1435 FILLED AND LARLED SAMPLE # 413-2162 FROM N SIDE WALL OF EXC AT 4111 A N. BRIDGE CIRCLE. 4-11-61 LOUDING END DAND 4 1530 NO LOADING TRUCK 49

Project/Client OU-13 PCB REMEDIATION

717LE II (NSPECTION)



PCR REMEDIATION / USAF

PTLY CLOT WIND 5 FROMS GOOF 1400 TERRY STARTS COLLECTING SAMPLES IN EXCOUPTION AT YOUA N. BRIDGE CIRCLE, SAMPLES ARE BEING SHIPPED TO PEC IN TAMPA, FCA 1500 FERRY FIBERS GEP SAMPGING CIRCLE AND TRAVES TO SAID SAMP 3 MORE END Damps ARRIOR START LOPSING TRUCK # 7 FILLING END-Dand # 7 FINISH FIE LOADING FIND DUMP # 7 6 \$ qmba and Suidaol 1530 WITH SOIL FROM EXC. AT 4111 A N. BRIDGE CIRC. FINISH LOADING END DUMP # 8 1540 POSITION # 9 FOR COADING

1550 TERRY PRICE LEAVES TO

SHIP SAMPLES

Location HICL AFB, UT Date 4-161 Project / Client OLE - (3 PCB REMEDIATION/

USAF

PHOTO LOG 4-11-11 # DATE TOME SUBJECT 45 PHOTO LOG 4.12.11 A DATE TIME SUBJECT 55 0815 NW TRANSFERRING SOLU FROM ROCK-COFF BOX 4 3 TO ROCCOPF BOX # 4 IN ORDER TO LIGHTEEN ROCK-OFF # 3 4.12-11 E EXCAUATION AT 56 1020 4114 D CHARLSETON 4.12.11 CIRCLE . EXCAVATED TO TWO FT-Soil is stockpetted FOR TOPATS CORDOUT 57 1142 COADING TRUCK OF 10 WITH MATERIAL FROM BENEATH ADEWAYE 41148 CHARLE

Project/Client 04-13 PCB REMEDIATION/

1605 FINISH COPDING TRUCKE 9

1648 ALL TRU

1610 ALLSTRUCKS LEAVE FOR GRASSY

NOUNTAIN (ENDDUMPS 7, 8, PND 9)

1636 SHOT DOWN FOR TODAY

Project/Client HOUSING KREA OU-13 PCB

REMEDIATION / AIR FORCE

0700 THILCATE SAFETY BRIEF. AND POLICE OF AREA AROUND YULA ANDB N. BRIDGE CIRC. agos cloupt tooky, occasional 074 LIRAIN THIS 450F 07/5 SETTING UP TO EXCAUATE AT 4114 CHARLESTON CORE TO 4.1241 0765 ENTRO CARR ROLL-OFF BOX TRUCK SHOWS UP - ROLL-OFF-S THATE BEEN OVER-WEIGHT . WILL HAVE TO TRANSFER SOLL FROM # 3 ROLL-OFF INTO PROTHER ROCK-OFF 0800 TOM HEADS OVER TO HAZWASTE TO GET MORE MANIFESTS SICHED SETTING UP AN EMPTY ROCK OFF BOX TO ROLL OFF #3 50 SOMESOIL CAN BE TRANSFERRED FROM ROLL-OFF BOX # 3 TO THE 4TH ROLL-OFF BOX 0800 TOM RETURNS WITH SIGNED MANIFESTS MARK PACE WI BOYER HIL STOPSIL



# **Excavation Drawings 4111 B and 4111 A North Bridge Circle**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06

ENCAURTION 411 | B NORTH BRIDGE CIRCLE

5-POINT COMPOSITES

ALL SIDE WALL SAMPLES ARE 4-POINT COMPOSITES

COMPOSITE SAMPLE LOCATION

ALL FLOOR SAMPLES ARE

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470 FT



# **Sample Number Tables**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06

# Confirmation Soil Samples Collected in Excavations at 4111 A and B North Bridge Circle, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type
U13-2143	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench on south and south west sides	2-2.5	5-point comp
U13-2144	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, south end	4-4.5	5-point comp
U13-2145	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, center	4-4.5	5-point comp
U13-2146	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, north end	4-4.5	5-point comp
U13-2147	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench, east side	2-2.5	5-point comp
S13-92147	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench, east side (sample duplicate)	2-2.5	5-point comp
U13-2148	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end wall	2-4	4-point comp
U13-2149	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end of east wall	0-2	4-point comp
U13-2149	11Apr 2011	Excavation at 4111B N. Bridge Circle	South end of east wall	2-4	4-point comp
U13-2150	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end of west wall	2-4	4-point comp
U13-2151	11 Apr 2011	Excavation at	Center of east wall	0-2	4-point comp

	4111B N. Bridge Circle			
11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end	0-2	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end (sample duplicate)	0-2	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end	2-4	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end (MS/MSD)	2-4	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	North end wall	2-4	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, on bench, north end	2-2.5	5-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	North end wall	0-2	4-point composite
11 Apr 2011	Excavation at 4111B N. Bridge Circle	Bench walls, east side of excavation	2-4	4-point composite
44.4 5511			0.0 =	
11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, north half	2-2.5	5-point composite
11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, north half (sample duplicate)	2-2.5	5-point composite
	11 Apr 2011  11 Apr 2011	Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111A N. Bridge Circle  11 Apr 2011  Excavation at 4111A N. Bridge Circle	Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111B N. Bridge Circle  11 Apr 2011  Excavation at 4111A N. Bridge Circle  11 Apr 2011  Excavation at 4111A N. Bridge Circle  Excavation floor, north half (sample duplicate)	Circle  11 Apr 2011

U13-2158	11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, south half	2-2.5	5-point composite
U13-2159	11 Apr 2011	Excavation at 4111B A. Bridge Circle	East wall	0-2	4-point composite
U13-2160	11 Apr 2011	Excavation at 4111B A. Bridge Circle	South wall	0-2	4-point composite
U13-2161	11 Apr 2011	Excavation at 4111B A. Bridge Circle	West wall	0-2	4-point composite
U13-2162	11 Apr 2011	Excavation at 4111B A. Bridge Circle	North wall	0-2	4-point composite



Page 1 of 18



FA89	903-08-D-8786 TO 0011	North Wind, Inc	Tie	la II Ovara	sight Hill AER Housing	
Project	t Number: KRSM20110835		Title II Oversight Hill AFB Housing Area PCB Remediation OU 13			
1 10,000	Trainboil Tracomizo Frodoo	(Remediation Contr is Ca	oe)	ca i ob it	emediation 66 16	
Cont	ract Number / Task Order	Contractor	Project Title / NWI Project No.			
	Number					
	4	0.4/4.0/4.4			, UT Freedom Terrace	
	4 200 Barant Namahan	04/12/11 Date or Time Period			using Area OU-13	
	CQC Report Number	Date of Time Period		L	Location and Team	
I.	Weather Conditions:					
Temp L	.ow <u>40</u> Temp	High <u>60 F</u>	Cloudy	<sup>,</sup> ⊠ Part	tly Cloudy 🏻 Clear 🔲	
Wind S		pitation ⊠No □Yes				
From	NE Occalifes Construct to construct	Berfammed This Bets				
II.	<u> </u>	ons Performed This Date (Include inspection	ns, results, deficienci	es observed, and	d corrective action)	
Prepara	•					
Initial	⊠ Up ⊠					
Follow-	. —	aking list undeted this date?			Yes □ No ⊠	
III.		cking list updated this date?  Testing Performed This Date?			<u>_</u>	
	<u> </u>	resting refrontied this bate:			Yes ⊠ No □	
if yes, t	hen complete the following:	Martin ad /Martin			D It -	
_	Type of test	Method/Matrix	TIMA O O		Results	
1.	Dust Monitoring	Mini Ram/Air	TWA 0.0 upwi	ina – 0.005 d	downwind	
2.						
3.	ata Ossalita Obiantisana bana				V M N- D	
IV.	ata Quality Objectives been				Yes ⊠ No □ Yes ⊠ No □	
	hen complete the following:	lected for Laboratory Analysis?			Yes ⊠ No □	
, , , , , , , , , , , , , , , , , , ,	Type of Test EPA Test Method/Matrix Quantity of Samples					
1.	PCBs		22 primary, 2		MS/MSD	
1.	, ·	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB	22 primary, 2		MS/MSD	
1.	, ·	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation	22 primary, 2 4 primary, 1 d	duplicates, 1	MS/MSD	
	PCBs	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill		duplicates, 1	MS/MSD	
2.	PCBs	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation		duplicates, 1	MS/MSD	
2.	PCBs PCBs	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB		duplicates, 1		
2. 3. Have re	PCBs PCBs equired amount of QC trip bl	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved?	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □	
2. 3. Have re	PCBs PCBs equired amount of QC trip bl	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □	
2.  3.  Have re Have ay standar	PCBs PCBs equired amount of QC trip bl ppropriate QC laboratory tesds, etc.)	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved?	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □	
2.  3.  Have re Have al standar Have Q	PCBs PCBs equired amount of QC trip bl ppropriate QC laboratory tesds, etc.)	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □ ce Yes ⊠ No □	
2.  3.  Have re Have al standar Have Q	PCBs  PCBs  equired amount of QC trip bl ppropriate QC laboratory testds, etc.)  A and QC samples been co	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □ ce Yes ⊠ No □ Yes ⊠ No □	
2.  3.  Have restandar Have Q Have sa	PCBs  PCBs  equired amount of QC trip bl ppropriate QC laboratory test ds, etc.)  A and QC samples been comples been properly labele	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method ellected in the specified quantity? and and packaged?	4 primary, 1 d	duplicates, 1 uplicate	Yes ⊠ No □ ce Yes ⊠ No □ Yes ⊠ No □	
2.  Have re Have all standar Have Q Have sa V.  Worker	PCBs  PCBs  equired amount of QC trip bl ppropriate QC laboratory test ds, etc.)  A and QC samples been companies been properly labeled the alth and Safety.	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method ellected in the specified quantity? and and packaged?	4 primary, 1 d	duplicates, 1 uplicate ates, referen	Yes ⊠ No ☐  ce Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ⊠ No ☐	
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2.  3.  Have re Have all standar Have Que Have sa V.  Worker Was an Was an	PCBs  PCBs  PCBs  equired amount of QC trip ble ppropriate QC laboratory test ds, etc.)  A and QC samples been comples been properly labeled the lath and Safety.  Protection levels this date:  By work activity conducted we say we say we say when the latest activity conducted we say we s	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method ellected in the specified quantity? and and packaged?	4 primary, 1 d	duplicates, 1 uplicate  ates, referen  Level B	Yes ⊠ No ☐ ce Yes ⊠ No ☐ Yes ⊠ No ☐ Yes ⊠ No ☐  Yes ⊠ No ☐  Level C ☐ Level D ⊠ Yes ☐ No ⊠	
2.  Have restandar Have Q Have sa  V. Worker Was an Was an	PCBs  PCBs  PCBs  equired amount of QC trip ble ppropriate QC laboratory test ds, etc.)  A and QC samples been comples been properly labeled the lath and Safety.  Protection levels this date:  By work activity conducted we say we say we say when the latest activity conducted we say we s	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method elected in the specified quantity? and packaged?  ithin a confined space? ithin an area determined to be immediate occedures used on workers and equipments.	4 primary, 1 d	duplicates, 1 uplicate  ates, referen  Level B	Yes ⊠ No ☐  ce Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ☐ No ☑  Yes ☐ No ⊠  alth? Yes ☐ No ⊠	
2.  Have related a standar Have Q Have sa V.  Worker Was an Was an Was a	PCBs  PCBs  PCBs  equired amount of QC trip ble ppropriate QC laboratory testeds, etc.)  A and QC samples been completed been properly labeled been properly labeled been protection levels this date:  By work activity conducted we proved decontamination properly labeled by Safety Meeting held this	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB anks and rinseates been achieved? sts been ordered? (matrix spikes, method elected in the specified quantity? and packaged?  ithin a confined space? ithin an area determined to be immediate occedures used on workers and equipments.	4 primary, 1 d	ates, reference below by life and hear	Yes ⊠ No ☐  ce Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ⊠ No ☐  Yes ⊠ No ☐  Level C ☐ Level D ⊠  Yes ☐ No ⊠  Yes ☐ No ⊠  Yes ☐ No ⊠  Yes ⊠ No ☐	
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2.  Have re Have all standar Have Quere Have san Was an Was an Were all Was have the Was have the Was have the Have the Was have the Wa	PCBs  PCBs  PCBs  equired amount of QC trip blippropriate QC laboratory testds, etc.)  A and QC samples been comples been properly labeled the lateral protection levels this date: by work activity conducted way work activity conducted way proved decontamination properly labeled the lateral proved decontamination properly labeled the lateral proved decontamination properly lateral proved decontamination proved decontamination properly lateral proved decontamination proved deconta	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? sts been ordered? (matrix spikes, method ellected in the specified quantity? ad and packaged?  ithin a confined space? ithin an area determined to be immediate occedures used on workers and equipme is date? this date? (If YES, attach copy of comp	4 primary, 1 d	duplicates, 1 uplicate ates, reference Level B  b life and head	Yes	
2.  Have re Have all standar Have Question Have Sar Worker Was and Were all Was has Safety (1)	PCBs  PCBs  PCBs  PCBs  Equired amount of QC trip ble propriate QC laboratory test ds, etc.)  PA and QC samples been comples been properly labeled the lath and Safety.  Protection levels this date: by work activity conducted we proved decontamination properly labeled the late and late is proved decontamination properly by More and Inches and Inches and Inches and Inches and Inches are any lost time accidents are around the late comments: (Include any infraction)	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? sts been ordered? (matrix spikes, method and packaged?  dithin a confined space? ithin an area determined to be immediate occedures used on workers and equipment at a date? this date? (If YES, attach copy of compassed into the environment?	4 primary, 1 d	ates, reference life and head of report)	Yes	
2.  Have re Have all standar Have Question Have Sar Worker Was and Were all Was has Safety (1)	PCBs  PCBs  PCBs  PCBs  Equired amount of QC trip ble propriate QC laboratory test ds, etc.)  PA and QC samples been comples been properly labeled the lath and Safety.  Protection levels this date: by work activity conducted we proved decontamination properly labeled the late and late is proved decontamination properly by More and Inches and Inches and Inches and Inches and Inches are any lost time accidents are around the late comments: (Include any infraction)	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? ats been ordered? (matrix spikes, method lected in the specified quantity? ad and packaged?  ithin a confined space? ithin an area determined to be immediate occedures used on workers and equipments adate? this date? (If YES, attach copy of compased into the environment? as of approved safety plan, and include instructions from thazards and slip, trips, falls related to	4 primary, 1 d	ates, reference life and head of report)	Yes	
2.  Have related a standar Have Q Have sa Worker Was an Was an Were a Was a Safety of Went or	PCBs  PCBs  PCBs  PCBs  equired amount of QC trip ble ppropriate QC laboratory testeds, etc.)  A and QC samples been completed been properly labeled been properly labeled been protection levels this date:  By work activity conducted we proved decontamination properly labeled been properly labeled by work activity conducted we proved decontamination properly labeled by work activity conducted we proved decontamination properly labeled by work activity conducted we proved decontamination properly labeled by work activity conducted we proved decontamination proved decontamination properly labeled by work activity conducted we proved decontamination proved decon	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? ats been ordered? (matrix spikes, method lected in the specified quantity? ad and packaged?  ithin a confined space? ithin an area determined to be immediate occedures used on workers and equipments adate? this date? (If YES, attach copy of compased into the environment? as of approved safety plan, and include instructions from thazards and slip, trips, falls related to	4 primary, 1 d	ates, reference life and head of report)	Yes	
2.  Have related a standar Have Q Have sa Worker Was an Was an Were a Was a Safety of Went or	PCBs  PCBs  PCBs  PCBs  PCBs  PCBs  PCBs  PCBs  PQC trip bloop propriate QC laboratory testeds, etc.)  PA and QC samples been comples been properly labeled by work activity conducted were work activity conducted were proved decontamination properly labeled by work activity conducted were proved decontamination properly labeled by work activity conducted were proved decontamination properly labeled by work activity conducted were any lost time accidents accidents waste/material relection.  PCBs  PCBs	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? as been ordered? (matrix spikes, method lected in the specified quantity? ad and packaged?  ithin a confined space? ithin an area determined to be immediate rocedures used on workers and equipme a date? this date? (If YES, attach copy of compased into the environment? as of approved safety plan, and include instructions from the hazards and slip, trips, falls related to ed This Date.	4 primary, 1 d	duplicates, 1 uplicate  ates, reference Level B  b life and head c report) unnel. Specify conwork area.	Yes	
2.  Have related a standar Have Q Have sa Worker Was an Was an Were a Was a Safety of Went or	PCBs  PCBs  PCBs  PCBs  PCBs  Equired amount of QC trip blippropriate QC laboratory testeds, etc.)  A and QC samples been comples been properly labeled the lateral protection levels this date:  By work activity conducted we proved decontamination properly labeled the lateral proved decontamination properly lob Safety Meeting held this here any lost time accidents accomments: (Include any infraction over eye protection, equipmed work Activities Performance)	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB  anks and rinseates been achieved? as been ordered? (matrix spikes, method lected in the specified quantity? ad and packaged?  ithin a confined space? ithin an area determined to be immediate rocedures used on workers and equipme a date? this date? (If YES, attach copy of compased into the environment? as of approved safety plan, and include instructions from the hazards and slip, trips, falls related to ed This Date.	4 primary, 1 d	duplicates, 1 uplicate  ates, reference Level B  b life and head c report) unnel. Specify conwork area.	Yes	

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06







2.	WP	Boyer Hill Utilities has marked all utilities		Cape
3.	WP	Excavation of PCB contaminated soil begun and completed at 4114 B Charleston Loop.		Cape
4.	WP	Three 20 cy end-dump trucks loaded and sent to Grassy Mountain. Two 20 cy roll-off box filled on 7 April 2011 also loaded and sent to Grassy Mountain today.	Approx 85 cy soil	Cape
5	WP	Confirmation samples collected from excavation at 4114 B Charleston Loop (sample numbers U13-2163-2183). All samples sent to PEL in Tampa for PCBs by 8082.	22 samples	Cape/MWH
6	WP	Additional confirmation samples collected from excavation at 4111 B North Bridge Circle (sample numbers U13-2184-2186). All samples sent to PEL in Tampa for PCBs by 8082.	4 soil samples	Cape/MWH

6	WP		excavation at 4111 numbers U13-2184 in Tampa for PCBs	B North Brid 1-2186). All	dge Circle	(sample	4 soil samples		Cape/M	WH
VII.	Lahor 8	k Manpower.								
VIII.		ification	Number		Emn	loyer			Hour	e
1.	SS/SSH		1			,		8	Tioui	3
2.	Laborer			Cape Cape			8			
3.	EO					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
4.		Foreman								
5.	Tech				MV	VH		6		
6.	+	nspector	1			WI		8		
<u>.</u>						tal Hours	30			
VIII.	Equipm	ent.								
	No. of Units		Plant/Equipmen	nt		Date of Safe Check		lours Jsed	Hours Idle	Hours Repair
1.	1	Dust Monit	tor				8			
2.	1	John Deer	e 135C Excavator			04/12/11 8			0	
3.	1	Bobcat T2	50			04/12/11 3			5	
4.	1	2500 Chev	y Pickup			04/12/11 2			6	
5.	1	250 gallon water trailer with pump/hose/i			е	04/08/11	0		8	
6.	1	3 End dum Care)	p trucks and 1 roll off b	ox truck (E	nviro	riro 04/12/11 6			2	
7.										
8.										
9.										
10.										
						Total Ho	ours <b>21</b>		19	0
IX.	Materia		be Incorporated into J	ob.						None 🛚
		Acce	ptability		Stored	d Where?		Re	ference Plan	s/Drawings
1.										
2. 3.										
										Nana M
Χ.	Submit	tals Reviewe	<u>d.</u>							None 🛚
	Submitt	Submittal No. Spec/Plan Reference				By Whom Action Taken				
1.										
2.										
3.										
XI.	Offsite	Surveillance	Activities. (include actio	n taken)						None ⊠

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06





Page 3 of 18

i							
XII.	Instru and ren		the Government to the Contrac	etor. (Include names, read	tions, Verbal	☐ Written ☐	None ⊠
<b>XIII.</b> 1.		Progress. here any Contracto	or caused delays?			Yes □	No ⊠
2.		•	or-potential findings of fact?			Yes □	No ⊠
3.		•	ent caused delays or potential find	ding of fact?		Yes □	No 🖾
4.	Are th	nere any Governm	ent-potential findings of fact?	J		Yes 🗌	No 🗵
5.	Are th	ere any unforese	eable or weather related delays?			Yes □	No 🛛
XIV.	Defic	iency List.					
Tracki	ng No.	Deficiencies	s Identified (Not corrected by COB)	Tracking No.	Deficiencies C	orrected (From Deficience	y Tracking List)
XV.		_	ors to project and miscellaneous remarks pe				
	(remo empty overw	ved from 4111 B I  one and had Cap	shipped to Grassy Mountain 2 rd N. Bridge Circle on 7 April). Cape be put some of the soil from roll-of ree 20 cy end-dump loads of nor in.	e originally had three of box # 3 into the 4th	roll-off boxes but roll-off box since	Enviro-Care brought the previous box had	out another been
			vated from 4114 B Charleston Lo 2011). Soil is stockpiled on plastic				and hauled
	MWH	collected confirma	ation samples per Work Plans in b	ooth excavations at	4114 B Charlesto	n Loop.	
			additional 4 samples from 4111 E at these were collected by reques				avation meet
	4111/	A N. Bridge Circle,	ed that 250 cy of soil were remove and 75 cy of soil have been remo arleston Loop and will be loaded a	oved from 4114B Ch	arleston Loop. A		
	Site v	isitors included: M	Mark Roginske (Hill AFB PM). Jef	f Long (URS), Rod (	Charlesworth (Boy	ver Hill), Mark Pace (	Boyer Hill)
			d correct, and all work reported is , except as noted above.	believed, to the bes	t of my knowledg	e, to be in complianc	e with
cqc s	ite Man	ager	Tom Matzen, NWI (785.760.6	6617)	Date	04/12/11	
XVI.	Gove	rnment Quality A	ssurance Comments. (if applica	ible)			
		ne QC report?	осы але осы полог (п арриос			Yes □	No 🗌
		ments or exceptio	ns:			_	_
QAR S	Signatur	е		Da	ate		
Super	visor's	nitial	Date				





**Date** Time Direction of View 04-12-11 0813 W

### **Subject**

Hill AFB Housing area OU-13. Transferring some of the soil from roll-off box #3 into a 4<sup>th</sup> roll-off box in order to lighten the roll-off. Soil in roll-off is from excavation at 4111 B North Bridge Circle originally placed in the roll-off on 7 April 2011.





**Date** Time Direction of View 04-12-11 1019 E

**Subject** 

Hill AFB Housing area OU-13. Excavating at the 4114 B Charleston Loop site. Stockpiling soil on plastic sheeting until trucks arrive.



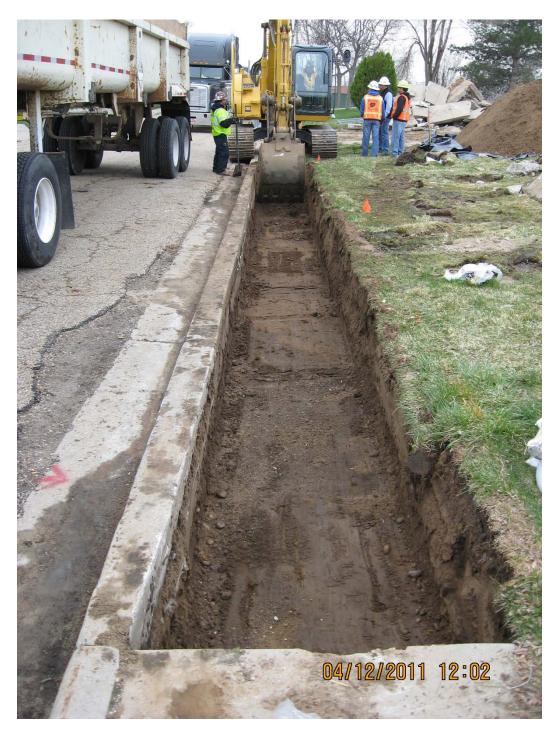


04-12-11 1141 E

## **Subject**

Hill AFB Housing area OU-13. Excavating from the area beneath the sidewalk in front of the 4114 B Charleston Loop. Loading soil into end-dump #10.





04-12-11 1202 S

**Subject** 

Hill AFB Housing area OU-13. Excavating from the area beneath the sidewalk in front of 4114 B Charleston Loop site.





04-12-11 1222 E

### **Subject**

Hill AFB Housing area OU-13. Dust monitor on fence east side of at 4114 B Charleston Loop.





04-12-11 1238 S

**Subject** 

Hill AFB Housing area OU-13. Completing excavation at 4114B Charleston Loop and loading end-dump truck #11.





**Date** Time Direction of View 04-12-11 1241 S

Subject

Hill AFB Housing area OU-13. Gas line in bottom of excavation below sidewalk area at 4114 B Charleston Loop.





04-12-11 1336 SE

**Subject** 

Hill AFB Housing area OU-13. Loading 20 cy end-dump truck #12 at 4114 B Charleston Loop.





04-12-11 1417 NW

## **Subject**

Hill AFB Housing area OU-13. Excavation at 4114B Charleston Loop completed to generally 2 ft depth. Note 4 ft depth area in upper center in NW corner. Terry Price is getting ready to collect confirmation samples.





04-12-11 1418 N

**Subject** 

Hill AFB Housing area OU-13. Excavation at 4114B Charleston Loop completed to generally 2 ft depth. Note 4 ft depth area in center at east end of excavation.





**Date** Time Direction of View 04-12-11 1656 E

**Subject** 

Hill AFB Housing area OU-13. Pin flags marking confirmation sample locations in excavation at 4114B Charleston Loop. Shown is the 4 ft deep section in the NE corner of the excavation.





04-12-11 1719 NE

**Subject** 

Hill AFB Housing area OU-13. Samples being packed for shipment at 4114 B Charleston Loop.



# **Logbook Notes**

Project/Client 04-13 PCB REMEDIATION/

1605 FINISH COPDING TRUCKE 9

1648 ALL TRU

1610 ALLSTRUCKS LEAVE FOR GRASSY

NOUNTAIN (ENDDUMPS 7, 8, PND 9)

1636 SHOT DOWN FOR TODAY

Project/Client HOUSING KREA OU-13 PCB

REMEDIATION / AIR FORCE

0700 THILCATE SAFETY BRIEF. AND POLICE OF AREA AROUND YULA ANDB N. BRIDGE CIRC. agos cloupt tooky, occasional 074 LIRAIN THIS 450F 07/5 SETTING UP TO EXCAUATE AT 4114 CHARLESTON CORE TO 4.1241 0765 ENTRO CARR ROLL-OFF BOX TRUCK SHOWS UP - ROLL-OFF-S THATE BEEN OVER-WEIGHT . WILL HAVE TO TRANSFER SOLL FROM # 3 ROLL-OFF INTO PROTHER ROCK-OFF 0800 TOM HEADS OVER TO HAZWASTE TO GET MORE MANIFESTS SICHED SETTING UP AN EMPTY ROCK OFF BOX TO ROLL OFF #3 50 SOMESOIL CAN BE TRANSFERRED FROM ROLL-OFF BOX # 3 TO THE 4TH ROLL-OFF BOX 0800 TOM RETURNS WITH SIGNED MANIFESTS MARK PACE WI BOYER HIL STOPSIL

MARIC PACE LEPURS SOTE 0840 TOM SETUSTARTS EXC. 41143 CHRECKETOL G 8145 ENIRO-CARO LEDUES WOOH #4 ROLLOFF BOX # 3 ROLL-OFF IS STILL ON SCIE. MARK ROCINSKE ON SITE FOR 0945 VISIT TOR HAS FINCSHED CEP EXCAUATING TO TWO FT AT GILLS CHARLESTON

LOOP 4-12-11 TO SOLL IS STOCK PILED AND READY TO COAD OUT WAITING FOR THE TRUCKS 1030 TERRY PRICE BRRIVES 1100 TRUCKS APRIVE - START LOADING 1125 to END DUMP # CO TOM IS EXCAUATING THE MATERIA LINDER THE SIDE WALK TO THE NORTHOU YILL B CHARCESTON L000. 0.00 MG/m MINIRAMINREADING 0-00 NG(N)

MINIRAM DIN READING

Location HILL AFB UT Date 44.11 Project/Client OU-13 PCB RECHEDIATION TITCE IT INSPECTION

PHOTO LOG 417:11 OATR SUBSECT 4.12.11 EXCAUATION UNDER 1204 SIDE WACK IN FROMT OF YOUR CHANCESTON LOUP 123 E PERSONDE DATA RAM ON FENCE NEXT TO EXCAUATION CELLUB CHARLESTON LOCA READS 0.00 4.17.11 60 7240 CONTINUING TO TREGO AT GILL B CHARLES TOR coop uno E 2 side work 4-13-12 SE COADINO TRUCK H 1328 12 WITH SOLL EXCAUATED FROM 4(14B CHARLESTE LOOD CARPORT AREA

1220 FINISH CORDING TRUCK # 10 1225 START COADING TRUCK # 11 STILL EXCAUATING IN SIDEWACK AREA OF 4114 B CHARLSTON LOUD 1245 ROD CHARLES WORTH WITH BOYER HILL ON-SITE, WEST CAPE IS EXCAUATING NEAR GAS AND WATERLINE 1250 TRUCK \$ CO CEAUES SUTE WITH WAN STILL LOADING TRUCK + 11 1300 JEFF LONG WITH HOUSING STOPS BY (HOUSING INSPECTOR) 1310 MR. LONG AND MR. CHARLES WORTH CEAUE SITE TEXCAUATION UNDER SCOR. WALK IS COMPLETE IN FRONT OF HILL B CHARLESTON LOOP

Location Him AFB, 4T Date 4.12.11 97 Project/Client OU-13 ACR REMEDIATION TITUE IC INSPECTION

1315 FINISH LOADING TRUCK #11 AND START LODOING TRUCK \$ (Z CORDING OUT SOIL FROM EXCAUATION IN THE FORMER CARPORT AREA OF 4114B CHARLESTON WOOP 1340 TRUCK # 12 IS CORDED. 1345 TRUCK # 12 LEAVES SITE 1400 MINIRAM STILL REPOINE Q. CO MO/M3 REMIND DOMMENTO 105 ENIRO CARE COADING #3 ROCC. OFF BOX THIS BOX WAS FICURED ON 7 APR 11 1520 PEL CABS A DIVISION OR SPECTRUM ANALYTICAL 1525 ENVIROCARE CEAVES WITH ROLL-OFF BOX #3

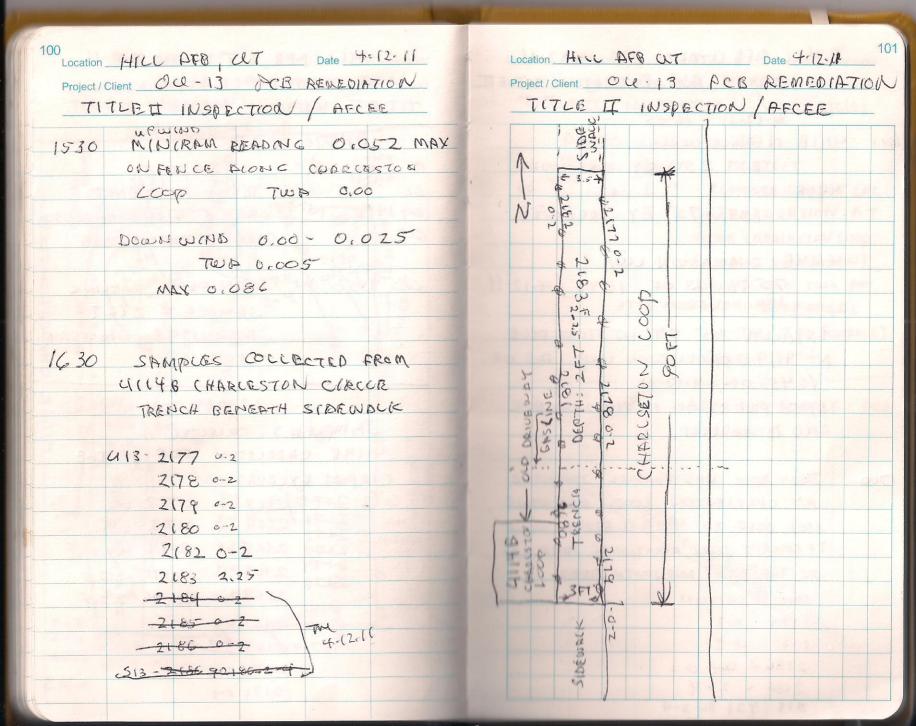
Project / Client OU-13 PCB REMEDIATION

TITLE IT INSPECTION

CHARLESTON LOOP 2171 0-2 1884 CARD COSTON LOOP LUZO 2173 0-2 2-4 上とかん M 2166 我心我 0 7-2 8917-11-10 上ラマ 28

Project/Client OCL-13 PCB REMEDIATION TITLE II INSPECTION

PHOTO COG DATE SUBJECT 4-12-11 62 TERRY PROPARINGTO N 671415 SAMPLE 41148 CHARUSON 64 CIECLE CARPORTARER 412-11 05 1350 w PIN FARC MARKING SAMPLE # 2 (67 41148 CHARLESTON LOOP 12 APR 2011 SAMPLE # 3 COCLECTED A 41148 CHARLSTON LOOP IN THE CARPORT EXCAUATION Ce 13-2170 216323 2177 0-1 2164 24 2173 4-12-11 2174 4,4.5 216524 2173 21662-4 2179 2.2.5 2176 210795 2176 2.2.5 21680-3 21690-2 21700-2 2171 0-2



Project/Client OU 13 PCR REMEDIATION TITLE IT

INSDECTION 4.12-11 1645

1845 4111B N BRIDGE CIRCLE

EST 250 CY REMOUSE

10 10 11 CI

EST 75 CT REMOURD

4114B CHARLESTON LOOP

75 TDS AS OF 1645 /4-12-11

REMOUED FROM SITE

ESTIMATE 45 CT IN STOCKPICE

AT 4114 B CHAPLESTON LOOP AS OF

1845 ON 4.12-11

BTOCK PILE IS ON PLASTIC SHEETING

AND IS COVERED.

1700 TERRY PRICE HAS FINISHED SAMPCINE AT CHARLESTON LOOP. HAS CONF

BACK OUER TO YILL M. BRIDGE CIRCLE

TO COLLECT SOME ACTITIONAL SOMPLES

ON THE WEST AND SOUTH SIDES

SAMPLES COLLECTES

2184 0-2

2185 0-2

2186 - 040 0-2

2 (86 - 2 - 4

513 921 86 2-4

Location HILL AFB UT Date 4.12.11

Project/Client ON-13 PCO REMEDIATION

TITLE INSPECTION

PHOTO LOG 4-12-11 71- DATE/TIME & SUBJECT 66 4-12-11 16-2 FLAGGED SAMPLE LOC. IN EXCAUPTION AT 4114B CHARLESTON GOOD (CARPORT EXCAUATION) 317000 S THE TWO POS 4 FT DEEP AREAS IN THE 2 PT (OVERALL) EXCAUATION 68 4.12.11 NE PACKING SAMPLES FOR SHIPMENT O Pondo Pondo 13 APRIL

Location HILL AFB UT Date Toll !! Project/Client OU-13 PCB REMEDIATION TITLE II INSPECTION 1710 TERRY IS PACKING SAMPLES 1715 TERRY SAYS 30 SAMPER TO 4.12.11 27 PRIMARY SAMPLES 3 OUPLICATES I MS/ MSD COLCECTED TOORY 1730 TERRY FINISHES UP FOR TOORY. 1745 ALL HANDS OFF- SCTR Stemas amas 12 MPR 3011

Project/Client OU-(3 PCB REMEDIATION

TITLE II INSPECTION

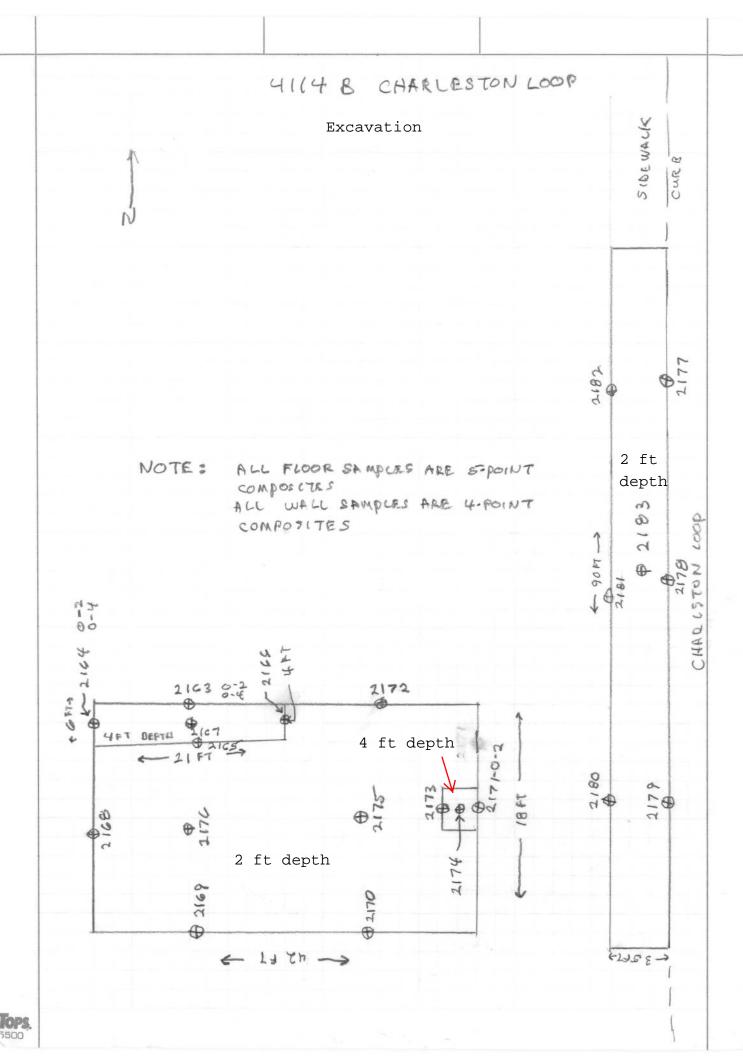
OCSS ARRIVE SITE - TAIL GATE SAFETY BRIEFING 402 TWO-0401 00 TOASA TES CAPEIS GOING TO REMOVE SOME ADDITIONAL SOIL FROM THE EXCAUR ATION AT GILL B N. BRIDGE CIRC. 0715 BECIN REMOVING A FEW MORE LOS FROM GUIB N. BRIDGE CIAC. THIS IS BEING DOWE PER TERRY PRICE (MWH) INSTRUCTION TERRY SAID THAT THE BAST SIDE ON THE NORTH END WEEDED TOGO FURTHUR EAST UNTIL CAPE HITS THE ZMPORTED RUND BASE THAT WAS PREVIOUSLY BROUGHT IN AS CLEAN BACKETCE CLEAR THIS A.M. WIMD 5 From N.E. 35°F. MYS FINISH EXCAUATING ADDITIONAL SOIL AT HILLS N. BRIDGE CIRCLE

END-DUND # (3 COADED AND



## **Excavation Drawings 4114 B Charleston Loop**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06





## **Sample Number Tables**

### Confirmation Soil Samples Collected in Excavations at 4114 B Charleston Loop, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	0-2	4-point comp
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	2-4	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	0-2	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	2-4	4-point comp
U13-2165	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall of 4 ft deep section in north west corner	2-4	4-point comp
U13-2166	12 Apr 2011	Excavation at 4114B Charleston Loop	East wall of 4 ft deep section in north west corner	2-4	4-point comp
U13-2167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner	4-4.5	5-point comp
S13-92167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner (sample duplicate)	4-4.5	5-point comp
U13-2168	12 Apr 2011	Excavation at 4114B Charleston Loop	West end wall	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at	South wall, west half (MS/MSD)	0-2	4-point comp

		4114B Charleston Loop			
U13-2170	12 Apr 2011	Excavation at 4114B Charleston Loop	South sidewall, east half	0-2	4-point comp
U13-2171	12 Apr 2011	Excavation at 4114B Charleston Loop	East end wall	0-2	4-point comp
U13-2172	12 Apr 2011	Excavation at 4114B Charleston Loop	North side wall, east half	0-2	4-point comp
U13-2173	12 Apr 2011	Excavation at 4114B Charleston Loop	All four walls of 4 ft deep area in middle of east end of excavation.	2-4	4-point comp
U13-2174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation.	4-4.5	5-point comp
S13-92174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation (sample duplicate)	4-4.5	5-point comp
U13-2175	12 Apr 2011	Excavation at 4114B Charleston Loop	East half of excavation, floor	2-2.5	5-point comp
U13-2176	12 Apr 2011	Excavation at 4114B Charleston Loop	West half of excavation, floor	2-2.5	5-point comp
U13-2177	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, north 1/3	0-2	4-point comp
U13-2178	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, middle 1/3	0-2	4-point comp
U13-2179	12 Apr 2011	Excavation at	Sub-sidewalk excavation, east wall,	0-2	4-point comp

		4114B Charleston	south 1/3		
		Loop			
U13-2180	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, south 1/3	0-2	4-point comp
U13-2181	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, middle 1/3	0-2	4-point comp
U13-2182	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, north 1/3	0-2	4-point comp
U13-2183	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, floor	2-2.5	5-point comp

### Confirmation Soil Samples Collected in Excavation at 4111 B North Bridge Circle, Hill AFB, UT

Location ID	Collection	Collection	Collected From	Depth	Soil Sample Type
	Date	Area		(ft)	
U13-2184	12 Apr 2011	Excavation at	South end wall	0-2	4-point
		4111B N.			composite
		Bridge Circle			
U13-2185	12 Apr 2011	Excavation at	West side wall, south	0-2	4-point
		4111B N.	half		composite
		Bridge Circle			
U13-2186	12 Apr 2011	Excavation at	West side wall, north	0-2	4-point
		4111B N.	half		composite
		Bridge Circle			
U13-2186	12 Apr 2011	Excavation at	West side wall, north	2-4	4-point
		4111B N.	half		composite
		Bridge Circle			
S13-92186	12 Apr 2011	Excavation at	West side wall, north	2-4	4-point
		4111B N.	half (sample duplicate)		composite
		Bridge Circle			



Page 1 of 11



FA8	8903-08-D-8786 TO 0011	North Wind, Inc	Title II Overs	sight Hill AFB Housing
Projec	t Number: KRSM20110835	•	Area PCR R	emediation OU 13
Cont	tract Number / Task Order	Contractor	· · ·	Title / NWI Project No.
	Number		•	•
			Hill AFB	, UT Freedom Terrace
	5	04/13/11		using Area OU-13
	CQC Report Number	Date or Time Period	l	ocation and Team
I.	Weather Conditions:			
Temp I	Low 40 Temp	High 65 F	Cloudy Pari	tly Cloudy ☐ Clear ⊠
Wind S		pitation ⊠No □Yes		
From II.	NE Quality Control Inspection	ons Performed This Date (Include inspectio	ne roculte deficiencies observed and	d corrective action)
Prepara	<u> </u>	ons remornied in a pate (include inspectio	ris, results, deficiencies observed, and	corrective action)
Initial	 ⊠			
Follow-				
Was th	e construction deficiency tra	cking list updated this date?		Yes □ No ⊠
III.	Was Field Sampling and	Testing Performed This Date?		Yes ⊠ No □
If yes, t	then complete the following:			
	Type of test	Method/Matrix		Results
1.	Dust Monitoring	Mini Ram/Air	TWA 0.0 upwind – 0.014 c	lownwind
2.	<u> </u>			
3.				
Have D	Data Quality Objectives been	achieved?		Yes ⊠ No □
IV.	Have Samples Been Col	lected for Laboratory Analysis?		Yes ☐ No 🛛
If yes, t	then complete the following:		ı	
	Type of Test	EPA Test Method/Matrix	Quanti	ty of Samples
1.				
2.				
3.				
	·	anks and rinseates been achieved?		Yes No No
	ippropriate QC laboratory tes rds, etc.)	sts been ordered? (matrix spikes, method	d blanks, surrogates, referen	ce Yes No
	• •	ellected in the specified quantity?		Yes □ No □
	amples been properly labele			Yes □ No □
٧.	Health and Safety.	and puonaged.		
	r protection levels this date:		Level A Level B	Level C ☐ Level D ☐
	ny work activity conducted w			Yes □ No ⊠
		ithin an area determined to be immediate	ely dangerous to life and hea	<del>-</del>
		ocedures used on workers and equipme	•	Yes ⊠ No □
Was a	Job Safety Meeting held this	s date?	·	Yes ⊠ No □
Were tl	here any lost time accidents	this date? (If YES, attach copy of com	pleted accident report)	Yes □ No ⊠
Was ha	azardous waste/material rele	eased into the environment?		Yes ☐ No ⊠
Safety	comments: (Include any infraction	s of approved safety plan, and include instructions fro	m Government personnel. Specify cor	rective action taken.)
Went o	over eye protection, equipme	nt hazards and slip, trips, falls related to	poor footing in work area.	
VI.		· · · · · · · · · · · · · · · · · · ·		
	Work Activities Perform	ed This Date.		
	Work Activities Perform	ed This Date.  Activity & Location	Quantity	Subcontractor
			Quantity	Subcontractor
1.	Reference		Quantity	Subcontractor Cape
1.	Reference (DFW #/Tech Spec #)	Activity & Location	Quantity	
1.	Reference (DFW #/Tech Spec #)	Activity & Location  Blue Stakes has cleared dig areas.		

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06







XI.

XII.

			excavation at 4	111B North Bridge Circ	le	soil				
4.	WP		Charleston Loo (numbers 14 an	g PCB contaminated so p. Loaded two 20 cy er nd 15). This was soil that lastic sheeting (and cov April 2011).	nd dumps at had been	Approx 50 cy soil		Cape		
5	WP		Excavation dime	ensions and confirmation yed at 4111B and 4111 and at 4114 B Charlestor	A North			Bush and Gu	idgell,Inc	
VII.	l abor 8	& Manpowe								
V 11.		sification	Number	F	mployer			Hour	'C	
1.	SS/SSH		1	_	Cape		8	1100.	5	
2.	Laborer		1		Cape		8			
3.	EO				<u> </u>					
4.	Foremar	n					1 _			
5.	Tech		1		MWH		1			
6.	Title II In	nspector	1		NWI		8			
						Total Hours	25			
VIII.	Equipm	ent.								
	No. of Units		Plant/Equipn	nent	Date of S Chec		Hours Used	Hours Idle	Hours Repai	
1.	1	Dust Mon	nitor			5				
2.	1	John Dec	ere 135C Excavator		04/12/11	6		2	<u></u>	
3.	1	Bobcat T	250		04/12/11	2		6		
4.	1	2500 Ch€	evy Pickup		04/12/11	2		6	<u> </u>	
5.	1		on water trailer with pu		04/08/11	0		8		
6.	1	3 End du	ımp trucks (Inviro-Care	<del>)</del>	04/12/11	4		1		
7.	<u> </u>	<u> </u>								
8.	<del></del> '	<del> </del>							+	
9.	<del></del> '	<del> </del>							+	
10.	!	<u> </u>			Total	Hours 21		19	0	
IX.	Mataria	l Paceived	to be Incorporated int	- lah	ι υιαι	HUUIS   41		l a	None 🖂	
IA.	Material		ceptability		ored Where?		Re	ference Plan		
1.			<i>Jeptability</i>		illa villoio.		1.0	IOIOIIOO I .u	3/D1411	
2.	+									
3.	1						1			
X.	Submitt	tals Review	ved.						None 🛚	
	Submitta	al No.	Spec/Plan Refer	ence	By Whom		P	Action Taken		
1.										
_										

Offsite Surveillance Activities. (include action taken)

None 

Instructions Given by the Government to the Contractor. (Include names, reactions, Verbal Written None 

N

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06





Page 3 of 11

1-								
	and ren	narks)						
XIII.	Work	Progress.						
1.	Are th	ere any Contracto	caused delays?				Yes □	No 🛛
2.	Are th	ere any Contracto	r-potential findings	of fact?			Yes □	No 🛛
3.	Are th	ere any Governme	ent caused delays o	or potential findi	ng of fact?		Yes □	No 🛛
4.	Are th	ere any Governme	ent-potential finding	s of fact?			Yes □	No 🛛
5.	Are th	ere any unforesee	able or weather rela	ated delays?			Yes □	No 🛛
XIV.	Defic	ency List.						
Trackin	ıg No.	Deficiencies	Identified (Not correct	ted by COB)	Tracking No.	Deficiencies C	Corrected (From Deficience	cy Tracking List)
XV.	Rema	Irks. (Include any visito	rs to project and miscella	neous remarks perti	nent to work.)			
				5) with non-TS	CA PCB contamin	ated soil excavate	ed from 4114 B Charl	eston Loop.
		ed to Grassy Mour						
							recommendation of T his extended the exca	
			ported clean fill. F				nio oxionada ino oxo	avadon into
							North Bridge Circle.	
	result	s indicate that all s	ample results are b	elow the scree	ning level except fo	or U13-2151 (a co	emposite collected from ne and is being verifie	m the middle
		ted by Cape.	i tile excavation at	4111 B NOTHIL	onage choie). The	result is borderiii	ne and is being verille	su anu
			d that 275 cy of soi				75 cy of soil have be	en removed
			ark Roginske (Hill /			4D Charleston Lo	ор.	
	Oile v	isitors iricidaea. W	ark roginske (riii 7	A D I W). Jen	Long (ONS)			
The ahr	ove ren	ort is complete and	correct and all wo	ark reported is h	pelieved to the hes	t of my knowleda	e, to be in complianc	∙o with
			except as noted at		oneved, to the bed	it of my knowledg	c, to be in compliand	O WILL
						_		
CQC Si	ite Man	ager	Tom Matzen, N	WI (785.760.66	17)	Date	04/13/11	
XVI.	Gove	rnment Quality As	ssurance Comme	nts (if annlicah	ام)			
		ne QC report?		its. (ii applicab	10)		Yes □	No □
		ments or exceptior	ns:					
	00111							
QAR Si	ignatur	e			D	ate		
Superv	isor's I	nitial	Da	te				
[ •	•							





**Date** Time Direction of View 04-13-11 0724 NW

**Subject** 

Hill AFB Housing area OU-13. Excavating some additional soil at 4111 B North Bridge Circle. Removed about 20-25 cy and loaded into end-dump #13.





**Direction of View Date** Time S

04-13-11 0805

#### **Subject**

Hill AFB Housing area OU-13. Loading stockpiled soil at the 4114 B Charleston Loop site. Soil was stockpiled on plastic sheeting yesterday (12 Apr 2011). Loading enddump #14.





04-13-11 1112 S

#### **Subject**

Hill AFB Housing area OU-13. Surveyor (Bush and Gudgell,Inc) surveying excavation at 4111 A North Bridge Circle.





04-13-11 1135 SW

**Subject** 

Hill AFB Housing area OU-13. Surveying excavation at 4111 B North Bridge Circle.





04-13-11 1156 S

#### **Subject**

Hill AFB Housing area OU-13. Loading end-dump #15 with soil from 4114 B Charleston Loop. Note pin flags in sub-sidewalk excavation marking were confirmation soil samples were collected on 12 April 2011.





04-13-11 1207 SW

#### **Subject**

Hill AFB Housing area OU-13. Surveying excavation dimensions and confirmation soil sample locations at 4114B Charleston Loop (carport area).





**Date** Time Direction of View 04-13-11 1245 N

**Subject** 

Hill AFB Housing area OU-13. Surveying dimensions and confirmation soil sample locations for excavation below sidewalk area at 4114 B Charleston Loop.





# **Logbook Notes**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06

Location HILL AFB UT Date Toll !! Project/Client OU-13 PCB REMEDIATION TITLE II INSPECTION 1710 TERRY IS PACKING SAMPLES 1715 TERRY SAYS 30 SAMPER TO 4.12.11 27 PRIMARY SAMPLES 3 OUPLICATES I MS/ MSD COLCECTED TOORY 1730 TERRY FINISHES UP FOR TOORY. 1745 ALL HANDS OFF- SCTR Stemas amas 12 MPR 3011

Project/Client OU-(3 PCB REMEDIATION

TITLE II INSPECTION

OCSS ARRIVE SITE - TAIL GATE SAFETY BRIEFING 402 TWO-0401 00 TOASA TES CAPEIS GOING TO REMOVE SOME ADDITIONAL SOIL FROM THE EXCAUR ATION AT GILL B N. BRIDGE CIRC. 0715 BECIN REMOVING A FEW MORE LOS FROM GUIB N. BRIDGE CIAC. THIS IS BEING DOWE PER TERRY PRICE (MWH) INSTRUCTION TERRY SAID THAT THE BAST SIDE ON THE NORTH END WEEDED TOGO FURTHUR EAST UNTIL CAPE HITS THE ZMPORTED RUND BASE THAT WAS PREVIOUSLY BROUGHT IN AS CLEAN BACKETCE CLEAR THIS A.M. WIMD 5 From N.E. 35°F. MYS FINISH EXCAUATING ADDITIONAL SOIL AT HILLS N. BRIDGE CIRCLE

END-DUND # (3 COADED AND

106 Location HICL AFB UT Date 4-13-11 Project/Client OU-13 DCB REWEDLATION TITLE I INSPECTION AFCEE

PHO TO LOG 4-13-11 # DATE SUBJECT 69 41311 0730 NW REMOVING MORE YAS FROM 4/14B N. BRIDGE CIRC (TROCK #.(3) 4.13.11 70 0805 S LOADING SOIL EXCADATED FROM 4114B CHADERS TON LOOP INTO TRACK END-Damp #14 7/11/6 SURPETORS SETTING GP TO SORUET EXCEVATION 72 " 114 S SQRUEYING EXCADATION AT YILLA N. BRIDGE CIRC 73 " 1135 W SURVETING EXC AT 41/18 N. BRIDGE CIRC. 74 1 1200 S LOADING LAST OF SOIL REMODED FROM: 41140 CHARLESTON LOOP INTO END-DUMP # 15

Location HILL AFB, UT Date 4:13:11 Project/Client OU-13 PCB REMEDIATION

TITLE II INSPECTION
CONT. FROM CAS READY TOGO 0750 MOVE EXCAUATOR BACK CHE OVER TO 4114B CHARLESTON COOP 6800 END DUMP \$ 14 (5 POSITIONED TO COAD SOIL FROM 414B CHARL ESTON COOP END DUMP # 13 LEAVES SCTE WITH CORD TERRY PRICE AROUN TO FLAG SOM LOCATIONS UB30 ENDDAMP # 14 15 COPDED AND LEAUES SITE 0845 WORR MARIE ROCINSICE STOPS BY TO EITECKON PROORASS 9915 MARK OFF-SITE SURVETORS ARRIVE SURVEYOR IS BUSH AND GUDGELL, INC. 1180 SUPUET COMPCETE AT TIICA AND B ON BRINGE CIRC

1145 END-DUMP # 15 ARRIVES -AUSTRIONED FOR COADING REMPINC SOIL FROM 4114B CHARLESTON 4000 1155 DOWN WIND MINIRAM INDICATOR TWA OF 0,014 GAWIND READS 0,000 (TWA). 1240 FINISH CONDING END- DUMPELS 0 ALL EXCAUPTION WORK IS COMPLETE ADT WALTING NOW ON CONF SOIL SAMPLE RESULTS JEFF LONG WOTH URS STOPS BY 1315 SURURYURS FINISHUP AND CEPUI SITE 1345 MR LONG LEAVES SITE. 1350 CAPE SAYS AND PRECIMINARY ANDLYTICAL RESULTS FOR 41111 NEBRIDGE CERCLE ARR ALL BELOW THE SCREENING LAUEL & 1.0 MILL Project/Client PU- (3 PCB RENEDIATION

TITLE II INSPECTION / AFCEE

PHOTO LOG 4-13-11 # DOTE I SUBJECT 75 41311 1200 S UNDER-SIDEWALK EXC AT 4114B CHARLES STON ELCOOP -SHOWING PIN FCAGS MARKING CONF SAMA COCATIONS 1210 SURVEYOR ON EXC. AT 41148 CHARLESTON LOOP (CARPORTAREA) 4113-11 1245 SURVEYOR SURVEYING THE SUB-SCORWACK EXC AT 4114B CHARLESTON LOOP Themos Moder 13 APR 2011

110 Location HILL AFB, UT Date 4-13-11 Location \_\_\_\_ 111 Project/Client OU-13 PCB REMEDIATION Project / Client \_\_\_\_ TITLE IT INSPECTION / AFCEE CONT FROMP. COE 2151 Th 4.13-11 BUT THAT SAMPLE & 2152T ON THE NORTHEND OF THE EAST SIDEWALL MATBE ABOVE THE SCREENING COURC FINAL ANALYSIS REMAINS TO BE DONE 1500 LEAUE SITE FOR TODAY,



Page 1 of 12



FA8	3903-08-D-8786 TO 0011	North Wind, Inc	Title II Overs	sight Hill AFB Housing
Projec	t Number: KRSM20110835		Area PCR R	emediation OU 13
Cont	tract Number / Task Order	Contractor	·	Title / NWI Project No.
	Number		7	<b>,</b>
			Hill AFB	, UT Freedom Terrace
	6	04/14/11	Hou	using Area OU-13
	CQC Report Number	Date or Time Period	L	ocation and Team
I.	Weather Conditions:			
Temp l	Low 37 Temp	o High <u>56 F</u>	Cloudy 🛛 Pari	ly Cloudy 🗌 🛮 Clear 🖾
Wind S		pitation □No ⊠Yes T	race snow in AM	
From II.	NE Quality Control Inspection	ons Performed This Date (Include inspectio	no reculto deficiencies cheenved one	Loorroctive action)
Prepara	<u> </u>	ons i enormed ima bate (include inspectio	ris, results, deliciericies observed, and	Corrective action)
Initial				
Follow-				
	. —	cking list updated this date?		Yes □ No ⊠
III.	Was Field Sampling and	Testing Performed This Date?		Yes ☐ No ☐
If ves. t	then complete the following:			
, , ,	Type of test	Method/Matrix		Results
1.	Dust Monitoring	Mini Ram/Air		ran excavator for about 20 min
2.	, , , , , , , , , , , , , , , , , , ,		, , , ,	
3.				
Have D	Data Quality Objectives been	achieved?	1	Yes ⊠ No □
IV.		lected for Laboratory Analysis?		Yes ☐ No 🛛
If yes, t	then complete the following:		1	
	Type of Test	EPA Test Method/Matrix	Quanti	ty of Samples
1.				
2.				
3.				
	•	anks and rinseates been achieved?		Yes No No
	ppropriate QC laboratory tes rds, etc.)	sts been ordered? (matrix spikes, method	d blanks, surrogates, referen	ce Yes No
	• •	ollected in the specified quantity?		Yes ☐ No ☐
	amples been properly labele			Yes ☐ No ☐
٧.	Health and Safety.	and packaged.		
	r protection levels this date:		Level A Level B	Level C ☐ Level D ⊠
	ny work activity conducted w		2010171	Yes ☐ No ☒
		ithin an area determined to be immediate	elv dangerous to life and hea	<del>-</del> -
	•	rocedures used on workers and equipme	, ,	Yes ⊠ No □
	Job Safety Meeting held this		·	Yes ⊠ No □
Were tl	here any lost time accidents	this date? (If YES, attach copy of com	pleted accident report)	Yes □ No ⊠
Was ha	azardous waste/material rele	eased into the environment?		Yes ☐ No 🛛
Safety	comments: (Include any infraction	ns of approved safety plan, and include instructions fro	m Government personnel. Specify cor	rective action taken.)
Went o	over eye protection, equipme	nt hazards and slip, trips, falls related to	poor footing in work area.	
VI.	Work Activities Perform	ed This Date.		
	Reference	Activity & Location	Quantity	Subcontractor
	(DEW #/Took Cook #)			
I	(DFW #/Tech Spec #)			
1.	WP	Blue Stakes has cleared dig areas.		Cape
1.	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	Blue Stakes has cleared dig areas. Dig ticket number is C10890078		Cape
2.	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	=	es	Cape Cape

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06







XII.

			excavation at 4114 confirmation sampl excavation exceed	les from the	west half of		soil		Cape		
4.	WP		Stacked soil on pla will load out soil to		and covere	ed. Cape	Approx 40 cy soil				
								<u> </u>			
VII.	Labor &	or & Manpower.						_			
	Classi	ification	fication Number			oyer				Hours	3
1.	SS/SSH	O/QC	1		Cap	pe			8		
2.	Laborer		1	_	Cap	pe	_		8	_	_
3.	EO							$\Box$			
4.	Foremar	า									
5.	Tech		1		MW	/H			1		
6.	Title II In	spector	1		NV	VI			8		
							Total Hour	rs	25		
VIII.	Equipm	ent.								1	
	No. of Units		Plant/Equipment [			Date of Sa Check		Hours Used		Hours Idle	Hours Repa
1.	1	Dust Mor	nitor				0	)			
2.	1	John Dee	ere 135C Excavator			04/14/11	0	).5		2	
3.	1	Bobcat T	250			04/14/11	2	2		6	
4.	1	2500 Che	evy Pickup			04/14/11	2	<u> </u>		6	
5.	1	250 gallo	n water trailer with pump	/hose/nozzl	<b>zle</b> 04/08/11 <b>0</b>			)		8	
6.	Ţ									1	
7.											
8.											ļ
9.										ļ	<u> </u>
10.										<u> </u>	<del>                                     </del>
						Total	Hours 4	1.5		23	0
IX.	Material		to be Incorporated into J	ob.				_			None 🖂
	Davids		Centability  Consum Deals Material	۸ ما:		Where?	2'	_	Ref	ference Plans	s/Drawing
1.		good. Cap	Geneva Rock. Material be is obtaining a "clean material cert"	Adjac	Adjacent to 4111 A N. Bridge Circel					WP	
2.											
3.											
Χ.	Submitt	als Review	red.								None 🛚
	Submittal No. Spec/Plan Referen			ce	Ву	Whom			Action Taken		
1.											
2.											
3.											
XI.	04-:	Survoillanc	e Activities. (include actio	n taken)							None 🛚

Instructions Given by the Government to the Contractor. (Include names, reactions,

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06

None 🛛

Verbal ☐ Written ☐

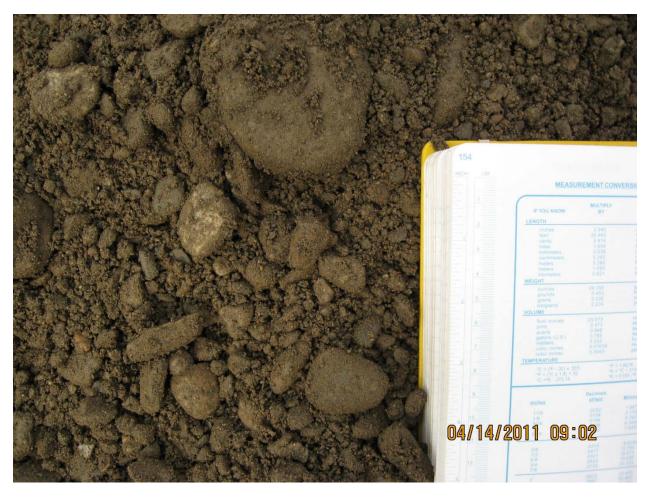




Page 3 of 12

	and ren	narks)					
XIII.	Work	Progress.					
1.	Are th	ere any Contract	or caused delays?			Yes □	No 🛛
2.	Are th	ere any Contract	or-potential findings of fact?			Yes □	No 🛛
3.		•	nent caused delays or potential fin	ding of fact?		Yes □	No 🛛
4.		•	nent-potential findings of fact?			Yes □	No 🛛
5.	Are th	ere any unforese	eable or weather related delays?			Yes 🗌	No 🛛
XIV.	Defic	iency List.		1	_		
Trackir	ng No.	Deficiencie	s Identified (Not corrected by COB)	Tracking No.	Deficiencies C	Corrected (From Deficience	cy Tracking List)
	becau scree Cape	use confirmation s ning level. brought in about	Iditional 40 cy (estimated) of non- oil samples indicate that the west 80 cy of clean fill today and stock number table the samples that ex	half of the excavation	on (carport area) s	still contained PCBs a	
		•	•		<u> </u>	<u> </u>	
	Site v	isitors included: I	Mark Roginske (Hill AFB PM). Os	car Torres (Hill AFB	Env)		
contrac		and specifications	nd correct, and all work reported is s, except as noted above.  Tom Matzen, NWI (785.760.6	·	st of my knowledg	e, to be in complianc	e with
				,			
	s with th	rnment Quality Ane QC report? ments or exception	Assurance Comments. (if applica	able)		Yes □	No 🗆
QAR S	ignatur	е			ate		
Superv	/isor's I	nitial	Date				





**Date** Time Direction of View 04-14-11 0902 W

**Subject** 

Hill AFB Housing area OU-13. Bank-run fill obtained from Geneva Rock stockpiled near 4111 A North Bridge Circle.





**Date** Time Direction of View 04-14-11 1346 W

**Subject** 

Hill AFB Housing area OU-13. Removing additional soil from the west half of the carport area excavation at 4114 B Charleston Loop. Confirmation sample results indicate that the soil samples in this area still exceeded the screening level.





04-14-11 1501 NE

#### **Subject**

Hill AFB Housing area OU-13. Removed soil stockpiled adjacent to excavation at 4114 B Charleston Loop carport area.





04-14-11 1517 N

**Subject** 

Hill AFB Housing area OU-13. Unloading imported clean fill at 4111 A North Bridge Circle.



# **Logbook Notes**

110 Location HILL AFB, UT Date 4-13-11 Project/Client Ou-13 PCB REMEDIATION TITLE IT INSPECTION / AFCEE Th 4.13-11 CONT FROMP COE BUT THAT SAMPLE & 215 XT ON THE NORTHEND OF THE EAST SIDEWALL MAYBE ABOUR THE SCREENING COURC FINAL ANALYSIS REMAINS TO BE DONE CEAUR SITE FOR TODAY, 1500

Project/Client OU-13 PCB REMEDIATION

TITLE IT INSPECTION (AFCEE

07:30 ARRIVE SITE TAILGATE SAFETT BRIERING CAPE IS PREPARING TO BACKFILL EXCAUATION S G750 TOM GOES UP TO NORTH GATE TO GET GENEUR ROCK IN WITH A LOAD OF FILL 0840 GENEVA ROCK SHOWS OF WITH A TRUCK AND BUR WITH A BOLLT 20 CY OF FILL (BANK RUN) 6200 MARK ROLLINSTER STUPPED IN TH CHECK PROGRESS DISCUSSED CONFIRMATION SAMPLE RESOUTS FOUTS WAITING ON UPCIDATED SAMPLE RESULTS 1045 GENEVA ROCK SHOWS UP WITH ANOTHER 20 YOS OF BANK RUN FILE.

TITLE II ZHSPECTION

1050	AGEC GEO	TECH WILL	o o prictor
	AND NUCLE		
	ACCORDING TO	1000	4
		- Chapte Austa	
	CONTINUEZ W	alting on	gour-
	SAMPLE RESU		
	San Haladian		
1130	CONF SAMPLE R	ESALT INDI	ICATE
	THAT THE FO		
	EXCEED THE.		
	SAMPLEE	RESULT MAJIC	9 PCB
	2151-0-2	1.4	1260
	2164-6-2	3.4	1260
17,3/2	2164-2-4	1.3	1260
3 - 17.5	2165-2-4	2.2	1260
	2165-2-4	1.2	1254
	2166-2-4	10	1260
	2166-2-4	2.7	1254
	2168-0-2	2.4	1260
	2176-2-2	5 28.0	1260
	2179 0-2	4.2	1260
	2186 2-4	11	1260

Project/Client OU-13 ACB REMISDIATION
TITLE IT INSPECTION / AFCER

10 Hc	TO LOC	4.14.11
# DATEL ZIME	*	SUBJECT
78 4.14.11 0800	sw	BANK RUN IMPORTED
MI 33 L3		File
79 11 1350		CAPE HAS EXCAUATEN
		O MORE FT DOWN
		4B CHARLESGON
		P BECQUEE SOIL MPLE 2175 EXCEED
		SCREENING CEUECS
80 11500 K	庄梅.	solu stockerce
		RED WITH PLASTIC
		ROW MORNING
	COAD.	A ROCK DELIVERING
83		

Project/Client OCL-13 PCB REMEDIATION

AFTITLE TO MSPECTION/AFCER.

1300 CARE MODES EQUIPMENT OUER

TO 41148 CHARLESTON COOP

AND STARTS REHOUNG MORE

SOIL IN AREA IN WEST 1/2

OR EXCHUATION WHERE SCREENING

LEVELS WERE EXCERD IN THE

FIRST ROUND OF CONFIRMATION SAMPLES.

1430 MARK AGGINSKE AND OSCAR
TORKES ON-SITE, MARK (SOFF
TOMORROW SO OSCAR IS WILL
BE P.O. C. FORHILL.

1515 GENEUR ROCK BRINGS IN ANOTHER CODD,

1520 CAPE STARTS BACKFILLING AT 4111 A N. BRIDGE CIRCLE

1600 STOP FOR TODAY MY.14.11 STOP WORK FOR TODAY

		_			_					
										-
									11	
			-							
	,									
										10070



# Sample Number Tables Showing Samples that Exceed Screening Level



Confirmation Soil Samples Collected in Excavation at 4111 B North Bridge Circle, Hill AFB, UT

Location ID	Collection	Collection Area	Collected From	Depth (ft)	Soil Sample
	Date				Type/Analytical Result
U13-2184	12 Apr 2011	Excavation at 4111B	South end wall	0-2	4-point composite
		N. Bridge Circle			
U13-2185	12 Apr 2011	Excavation at 4111B	West side wall, south half	0-2	4-point composite
		N. Bridge Circle			
U13-2186	12 Apr 2011	Excavation at 4111B	West side wall, north half	0-2	4-point composite
		N. Bridge Circle			
U13-2186	12 Apr 2011	Excavation at 4111B	West side wall, north half	2-4	4-point composite/11.0
2-4		N. Bridge Circle			mg/kg
S13-92186	12 Apr 2011	Excavation at 4111B	West side wall, north half	2-4	4-point composite
		N. Bridge Circle	(sample duplicate)		

Confirmation Soil Samples Collected in Excavations at 4114 B Charleston Loop, Hill AFB, UT

Location ID	Collection	Collection Area	Collected From	Depth (ft)	Soil Sample
	Date				Type/Analytical Result
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	0-2	4-point comp
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	2-4	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	0-2	4-point comp/3.4 mg/kg
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	2-4	4-point comp/1.3 mg/kg
U13-2165	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall of 4 ft deep section in north west corner	2-4	4-point comp/3.4 mg/kg
U13-2166	12 Apr 2011	Excavation at 4114B Charleston Loop	East wall of 4 ft deep section in north west corner	2-4	4-point comp/12.7 mg/kg







Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner	4-4.5	5-point comp
S13-92167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner (sample duplicate)	4-4.5	5-point comp
U13-2168	12 Apr 2011	Excavation at 4114B Charleston Loop	West end wall	0-2	4-point comp/2.4 mg/kg
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half (MS/MSD)	0-2	4-point comp
U13-2170	12 Apr 2011	Excavation at 4114B Charleston Loop	South sidewall, east half	0-2	4-point comp
U13-2171	12 Apr 2011	Excavation at 4114B Charleston Loop	East end wall	0-2	4-point comp
U13-2172	12 Apr 2011	Excavation at 4114B Charleston Loop	North side wall, east half	0-2	4-point comp
U13-2173	12 Apr 2011	Excavation at 4114B Charleston Loop	All four walls of 4 ft deep area in middle of east end of excavation.	2-4	4-point comp
U13-2174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation.	4-4.5	5-point comp
S13-92174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation (sample duplicate)	4-4.5	5-point comp
U13-2175	12 Apr 2011	Excavation at 4114B Charleston Loop	East half of excavation, floor	2-2.5	5-point comp







Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2176	12 Apr 2011	Excavation at 4114B Charleston Loop	West half of excavation, floor	2-2.5	5-point comp/28 mg/kg
U13-2177	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, north 1/3	0-2	4-point comp
U13-2178	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, middle 1/3	0-2	4-point comp
U13-2179	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, south 1/3	0-2	4-point comp/4.2 mg/kg
U13-2180	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, south 1/3	0-2	4-point comp
U13-2181	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, middle 1/3	0-2	4-point comp
U13-2182	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, north 1/3	0-2	4-point comp
U13-2183	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, floor	2-2.5	5-point comp

Red highlight = Confirmation soil sample analytical result that exceeds soil screening level Green highlight = Quality control sample



Page 1 of 21



FA89	903-08-D-8786 TO 0011					
		North Wind, Inc			sight Hill AFB Housing	
Project	Number: KRSM20110835	(Remediation Contr is Ca	pe) Ar	ea PCB R	emediation OU 13	
Cont	ract Number / Task Order	Contractor		Project <sup>-</sup>	Title / NWI Project No.	
	Number			•	•	
				Hill AFB	, UT Freedom Terrace	
	7	04/15/11			using Area OU-13	
	CQC Report Number	Date or Time Period			ocation and Team	
	•					
I.	Weather Conditions:			_	– . –	
Temp L		High 56 F	Cloudy	/ ∐ Part	ly Cloudy ☐ Clear ☒	
Wind S		pitation ⊠No □Yes				
From II.	NE Ovality Control Inchesti	and Darfarmed This Date (1)				
	<u> </u>	ons Performed This Date (Include inspection	ns, results, deficienci	es observed, and	corrective action)	
Prepara	•					
Initial						
Follow-	•				V -	
		cking list updated this date?			Yes ☐ No ⊠	
III.	was Field Sampling and	Testing Performed This Date?			Yes No No	
If yes, t	hen complete the following:		1			
	Type of test	Method/Matrix			Results	
1.	Dust Monitoring	Mini Ram/Air	0.00 mg/m3			
2.						
3.						
Have D	ata Quality Objectives been	achieved?			Yes ⊠ No □	
IV.		lected for Laboratory Analysis?			Yes ⊠ No □	
If yes, t	hen complete the following:					
	Type of Test	EPA Test Method/Matrix		Quanti	ty of Samples	
1.	Confirmation Sample	8082 for PCBs/Soil	7 primaryß			
2.	Confirmation Sample QC	8082 for PCBs/Soil	1 MS/MSD ar	nd 1 field dup	licate	
3.						
	equired amount of QC trip bl	anks and rinseates been achieved?	I.		Yes ⊠ No □	
	•	sts been ordered? (matrix spikes, method	d blanks surrog	ates referen		
	ds, etc.)	(many spines, mones		a.co, .c.c.c		
Have Q	A and QC samples been co	llected in the specified quantity?			Yes ⊠ No 🗆	
Have sa	amples been properly labele	ed and packaged?			Yes ⊠ No 🗌	
٧.	Health and Safety.					
Worker	protection levels this date:		Level A	Level B	Level C ☐ Level D ⊠	
Was an	y work activity conducted w		_	_	 Yes □ No ⊠	
	•	ithin an area determined to be immediate	elv dangerous to	o life and hea		
ll .	•		, ,		Yes ⊠ No □	
Was a Job Safety Meeting held this date? Yes ☑ No ☐ Were there any lost time accidents this date? (If YES, attach copy of completed accident report) Yes ☐ No ☑						
	•	• • • • • • • • • • • • • • • • • • • •	orcica acciació	тероп,		
Was hazardous waste/material released into the environment?  Yes No Safety comments: (Include any infractions of approved safety plan, and include instructions from Government personnel. Specify corrective action taken.)						
					rective action taken.)	
		nt hazards and slip, trips, falls related to	poor looting in t	work area.		
VI.	Work Activities Perform			_	-	
	Reference	Activity & Location		Quantity	Subcontractor	
	(DFW #/Tech Spec #)					
1.	WP	Loaded 40 cy of soil excavated yesterd the excavation at 4114B Charleston Lo confirmation samples from the west hall	op because	40 cy soil	Cape	





		excavation exceeded the screening level.		
2.	WP	Excavated an additional 20 cy of soil from the excavation at 4111B North Bridge Circle. This additional soil was removed from the side walls were sample numbers 2151 and 2186 had been collected as those samples exceeded the soil screening level.	Approx 20 cy soil	Cape
3.	WP	Collected 4 new primary and 1 MS/MSD confirmation soil samples from west half of carport area excavation at 4114B Charleston Loop. These samples were collected from the area where additional excavation was conducted on 4/14/11. Samples numbers are: U13-2190 4-4.5; 2190 4-4.5 MS/MSD; 2191-2-4; 2192-2-4; 2193-0-2; 2194-2-4 (locations in excavation shown on attached drawing and described in attached table).	5 samples	MWH
4.	WP	Collect 3 primary samples and 1 field duplicate at 4111B North Bridge Circle. These samples were collected from the area where additional excavation was conducted on 4/14/11. Sample numbers are: U13-2187-0-2; 2188-0-2; 2189-2-4; S92187-0-2 (field duplicate) (locations in excavation shown on attached drawing and described in attached table).	4 samples	MWH
5	WP	Backfill at 4111A North Bridge Circle. Excavation is backfilled. Compaction testing will be done on Monday.	75 cy	Cape

VII.	Labor &	Manpowe	r.							
	Classi	fication	Number	Emp	loyer			Hours	3	
1.	SS/SSH	O/QC	1	Ca	ре		8			
2.	Laborer		1	Ca	Cape					
3.	EO									
4.	Foremar	1								
5.	Tech		1	MV	VH		3			
6.	Title II In	spector	1	N	WI		8			
					Total Ho	ours	27			
VIII.	Equipm	ent.								
	No. of Units		Plant/Equipme	nt			ours	Hours Idle	Hours Repair	
1.	1	Dust Mor	nitor			0				
2.	1	John Dee	ere 135C Excavator		04/14/11 6			2		
3.	1	Bobcat T	250		04/14/11 4			4		
4.	1	2500 Che	vy Pickup	04/14/11 2				6		
5.	1	250 gallo	n water trailer with pump	/hose/nozzle 04/08/11 <b>0</b>				8		
6.								1		
7.										
8.										
9.										
10.										
		Total Hours 12						21	0	
IX.	Material	Received	Received to be Incorporated into Job.							
			eptability	Stored	d Where?		Ret	ference Plans	s/Drawings	
1.		good. Cap	Geneva Rock. Material se is obtaining a "clean material cert"	Adjacent to 4114	Adjacent to 4114 B Charleston Loop			WP		

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06







2.									
3.									
Х.	Subm	ittals Rev	viewed.					None ⊠	
711					Dv Wh am		Action Taken		
1	Subii	ittal No.	Spec/Plan Reference	e	By Whom		Action Taken		
1. 2.									
3.									
XI.	Offeit	o Survoill	ance Activities. (include actio	n takan)				None 🛛	
Al.	Onsit	c oui veiii	ance Activities. (include actio	ii takcii)				Mone M	
•									
XII.			ven by the Government to th	e Contracto	Or. (Include names, read	tions, Verba	☐ Written ☐	None 🛚	
	and rem	arks)							
;									
•									
XIII.	Work	Progress	14						
1.		•	ontractor caused delays?				Yes □	No 🛛	
2.	Are th	ere any C	ontractor-potential findings of f	act?			Yes □	No ⊠	
3.	Are th	ere any G	overnment caused delays or p	otential findi	ng of fact?		Yes □	No ⊠	
4.	Are th	ere any G	overnment-potential findings of	f fact?			Yes □	No ⊠	
5.	Are th	ere any ur	nforeseeable or weather related	d delays?			Yes □	No 🛛	
XIV.	Defici	ency List							
Trackin	g No.	Defi	ciencies Identified (Not corrected b	oy COB)	Tracking No.	Deficiencies C	Corrected (From Deficience	cy Tracking List)	
XV.	Rema	rks. (Includ	e any visitors to project and miscellaneou	us remarks pertir	nent to work.)				
			n additional 40 cy (estimated) o						
			/11) because confirmation soil screening level.	samples ind	licate that the west	half of the excav	ration (carport area) s	till contained	
;			about 100 cy of clean fill today	v and stockn	iled it next to 4111	B Charleston I o	on		
	•		sample number table the samp						
•			ing the additional excavation a						
•		<u> </u>							
•	Site vi	sitors inclu	uded: Oscar Torres (Hill AFB I	Env) Jeff Lor	ng (URS)				
•			·	,					
			olete and correct, and all work		elieved, to the bes	t of my knowledg	e, to be in complianc	e with	
contract	t plans a	and specif	ications, except as noted abov	e.					
CQC Si	te Man	ager	Tom Matzen, NWI	(785 760 66	17)	Date	04/15/11		
				(100.100.00	,		0 1/ 10/ 11		
XVI.	Gove	rnment Q	uality Assurance Comments.	. (if applicabl	e)				
Concurs	s with th	ne QC repo	ort?				Yes □	No 🗌	
Addition	nal com	ments or e	exceptions:						
QAR Si	gnatur	e			Da	ate			
Superv	Supervisor's Initial Date								





Page 4 of 21





**Date** Time Direction of View 04-15-11 0735 W

#### **Subject**

Hill AFB Housing area OU-13. Loading PCB contaminated soil into end-dump truck #16. This material is additional soil excavated from the bottom of the west half and from the west end wall of the carport area excavation at 4114B Charleston Loop. Confirmation samples collected from the west half of the bottom of the excavation and from the west end wall had exceeded the soil screening level.





**Date** Time Direction of View 04-15-11 0736 W

**Subject** 

Hill AFB Housing area OU-13. Area of additional excavation in carport area at 4114B Charleston Loop.





**Date** Time Direction of View 04-15-11 0843 W

Subject

Hill AFB Housing area OU-13. Collecting confirmation soil sample in area of additional excavation at 4114 B Charleston Loop carport area.





04-15-11 0917 NW

## **Subject**

Hill AFB Housing area OU-13. Removing additional soil at 4111B North Bridge Circle. This is the area where sample #2151 was collected. The results exceeded the soil screening level so additional soil was removed.





04-15-11 0932

# **Subject**

Hill AFB Housing area OU-13. Removing additional soil at 4111B North Bridge Circle. This is the area where sample #2186 was collected. The results exceeded the soil screening level so additional soil was removed.





**Date** Time **Direction of View** 04-15-11 1116

Ε

# **Subject**

Hill AFB Housing area OU-13. Additional soil removed at 4111B North Bridge Circle on the east side of the excavation where sample #2151 was collected and indicated that PCBs remained above the soil screening level.





04-15-11 1122 N

## **Subject**

Hill AFB Housing area OU-13. MWH technician packing soil samples collected from the excavation at 4111B North Bridge Circle. Samples were collected from the areas where additional excavation was done.





04-15-11 1321 SW

**Subject** 

Hill AFB Housing area OU-13. Cape backfilling the excavation at 4111A North Bridge Circle. First lift installed.





04-15-11 1321 SW

## **Subject**

Hill AFB Housing area OU-13. Cape backfilling the excavation at 4111A North Bridge Circle. Second lift placed and excavation backfilled.







# **Logbook Notes**

NWI-CQCF-001.1\_Rev 0 Effective: 01/27/06